

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Adolfo S. Montero, Muhammed K. Jaber		
Assignee:	Dell Products L.P.		
Title:	System and Method for Information Handling System Multimedia Mode Boot Optimization		
Serial No.:	10/782,160	Filed:	February 19, 2004
Examiner:	Thuan N. Du	Group Art Unit:	2116
Docket No.:	DC-06017	Customer No.:	33438

Austin, Texas
December 6, 2007

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

REPLY BRIEF AND AMENDMENT

Dear Sir:

This paper is responsive to the Examiner's Answer dated November 19, 2007. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

AMENDMENTS

In the Claims

1. (Currently Amended) An information handling system having improved multimedia performance, the information handling system comprising:
 - plural processing components operable to process information for presentation to a user;
 - an operating system operable to coordinate operation of the processing components in a normal mode or a multimedia mode;
 - a multimedia application operable to interface with predetermined of the processing components through the operating system to present multimedia information;
 - a multimedia mode selector interfaced with one or more of the processing components and operable to accept a user selection of a multimedia mode of operation; ~~and~~
 - a multimedia module interfaced with the multimedia mode selector and the operating system, the multimedia module operable to boot the processing components and operating system to the multimedia mode upon selection through the multimedia mode selector, the multimedia mode having substantially only the predetermined of the processing components configured to run in support of the multimedia application; and
 - a power switch interfaced with the operating system and operable to accept a user selection of a normal mode of operation, the normal mode having the operating system boot substantially all of the processing components after a POST;
 - wherein the multimedia module disables the POST for boots to the multimedia mode.
2. (Original) The information handling system of Claim 1 wherein the predetermined of the processing components comprise a CPU, memory, video devices, audio devices and input devices.

3. (Original) The information handling system of Claim 2 wherein the processing components excluded from boot by the multimedia module comprise a network interface card, a wireless network interface, and a modem.

4. (Original) The information handling system of Claim 2 wherein the predetermined of the processing components further comprise a DVD disc drive and the multimedia application comprises a DVD movie player.

5. (Original) The information handling system of Claim 4 wherein the predetermined processing components further comprise a hard disc drive storing the operating system and the multimedia module is further operable to initiate power to spin-up the DVD disc drive substantially simultaneous with initiation of power to the hard disc drive to boot the operating system.

6. (Original) The information handling system of Claim 2 wherein the multimedia module is further operable to reduce CPU clock speed after boot of the predetermined processing components to an operational state.

7. (Original) The information handling system of Claim 1 further comprising:
one or more utility applications automatically initiated by the operating system;
wherein the multimedia module is further operable to disable automatic initiation of the
utility applications in the multimedia mode.

8. (Original) The information handling system of Claim 7 wherein the utility applications comprise an antivirus application.

9. **Canceled.**

10. **(Currently Amended)** A method for booting an information handling system to a multimedia mode, the method comprising:

selecting a multimedia mode to present multimedia information at the information handling system;

modifying boot of the information handling system operating system to enable multimedia devices and disable non-multimedia devices, **wherein modifying the boot comprises bypassing the POST otherwise automatically initiated by the BIOS;** and

running a multimedia application with the operating system and the multimedia devices to display multimedia information.

11. **(Original)** The method of Claim 10 further comprising:

disabling one or more non-multimedia applications that are otherwise automatically initiated by the operating system.

12. **(Original)** The method of Claim 11 wherein the non-multimedia applications comprise an antivirus application.

13. **(Original)** The method of Claim 10 wherein modifying boot of the information handling system further comprises:

enabling the CPU, memory, video, audio, input and disc drive devices; and
disabling the network interface card, wireless interface and modem devices.

14. **(Original)** The method of Claim 13 wherein the multimedia information comprises a movie presented from a DVD disc.

15. **Canceled**

16. (Original) The method of Claim 10 further comprising:
operating the CPU at full performance to complete the modified boot and the initiation of
the presentation of multimedia information; and
throttling the CPU performance to present the multimedia information with reduced
power consumption.

17. **Canceled.**

18. **Canceled.**

19. **Canceled.**

20. **Canceled.**

21. (New) A method for booting an information handling system to a multimedia mode,
the method comprising:
selecting a multimedia mode to present multimedia information at the information
handling system;
modifying boot of the information handling system operating system to enable
multimedia devices and disable non-multimedia devices;
running a multimedia application with the operating system and the multimedia devices
to display multimedia information; and
hiding non-multimedia devices from the operating system to prevent the operating system
from trying to power-up unused devices.

REMARKS

Claims 1 - 20 are pending in the application. In order to avoid delay in issuance of the present application, Applicants propose herein amendments to the Claims to include matter indicated as allowable by the Examiner. Applicants have canceled Claim 9 and amended Claim 1 to include subject matter from Claim 9 indicated as allowable by the Examiner. Applicants have canceled Claim 15 and amended Claim 10 to include subject matter from Claim 15 indicated as allowable by the Examiner. Applicants have canceled Claim 17 and added new Claim 21 to include subject matter indicated as allowable by the Examiner. Applicants have canceled Claims 18-20. Applicants respectfully submit that the Claims as amended herein each include subject matter indicated as allowable by the Examiner. Applicants respectfully request that the Examiner withdraw the rejections and allow all pending claims.

CONCLUSION

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the examiner is requested to telephone the undersigned.

The Commissioner is authorized to deduct any additional fees which may be necessary and to credit any overpayment to Deposit Account No. 502264.

I hereby certify that this correspondence is being electronically submitted to the COMMISSIONER FOR PATENTS via EFS on December 6, 2007.

/Robert W. Holland/

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Respectfully submitted,

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